

## ABSTRACT OF THE DISCLOSURE

A method for purifying carbon monoxide, which can efficiently remove metal carbonyl in carbon monoxide while suppressing the production of carbon dioxide, is provided by selecting a metal oxide having proper oxidizability as a reactant with metal carbonyl. Carbon monoxide containing metal carbonyls as trace impurities is contacted with a remover containing manganese sesquioxide as a main component, thereby reacting metal carbonyl in carbon monoxide with said manganese sesquioxide to remove said metal carbonyl from said carbon monoxide.